

CLAIMS

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) Device for continuous manufacture of drip irrigation tubes, comprising an extruding device [(1)] for producing a tube body [(2)], a calibrating device [(3)], and a cooling device [(19)] for the tube body [(2)], a feed apparatus [(5)] for feeding dosing elements [(6)] into the tube body [(2)] along a guideway [(4)], the feed apparatus including a separating device into which each of the continuously fed dosing elements is captured, ejected onto the guideway, and inserted into the tube body by means of an airstream along the guideway, the airstream being producible with air jets formed by supply lines that communicate with the guideway and are disposed such that the airstream hits the dosing element to be advanced at an angle of about 25°, and means for connecting the dosing elements [(6)] to the inner walling of the tube body [(2)], comprising a pressing element [(17)] which is formed by the end area of the guideway [(4)] and which protrudes into the extruded tube body [(2)], and a pressing roller [(18)] which is able to be pressed against the tube body [(2)] from the exterior in the region of the pressing element [(17)], the calibrating device [(3)] being formed by a tubular body [(22)] whose feed region [(23)] narrows to the desired diameter of the tube body [(2)] and whose longitudinally elongated body area [(24)] protrudes into the cooling device [(19)], and is provided with a recess [(27)] into which the pressing member [(18)] protrudes so that the pressing and connecting process of the dosing elements [(9)] with respect to the inner walling of the tube body [(22)] ensues inside the calibrating device [(3)], ~~characterized in that~~ the pressing roller [(18)] ~~has~~having an indentation [(20)] that corresponds to the outer contour of the tube body [(2)] in the region of the calibrating device and ~~has~~having a bottom provided with a marking ~~structure~~structure, the pressing roller [(18)] being configured to cause the marking structure to provide a mark on the surface of the tube body [(2)] in the region of the respective dosing element so as to facilitate locating the respective dosing element [(6)] in the tube body [(2)] when placing an outlet aperture through the tube body [(22)] and the respective dosing element [(6)].

2. (Currently Amended) Device according to Claim 1, characterized in that the recess [(27)] in the longitudinally elongated body area [(24)] of the tubular body [(22)] has the form of a slot which extends from the end [(29)] of the longitudinally elongated body area [(24)], protruding into the cooling device [(19)], to the walling [(26)] closing off the cooling device [(19)], through which the longitudinally elongated body area [(24)] is led into the cooling device [(19)].

3. (Currently Amended) Device according to Claim 1, characterized in that the pressing pressure of the pressing roller [(18)] against the tube body [(2)] is adjustable.

4. (Canceled)

5. (Currently Amended) Device according to ~~Claim 4~~ Claim 1, characterized in that the separating device [(7)] is made up of two drivable rollers [(8, 9)], disposed opposite one another, and in that in each case one dosing element [(6')] of the continuously fed dosing elements [(6)] is able to be captured by the two rollers [(8, 9)], brought into a waiting position, and ejected therefrom onto the guideway [(4)].

6. (Currently Amended) Device according to Claim 5, characterized in that installed in the guideway [(4)] is a sensor [(13)], with which the reaching of the waiting position of the respective dosing element [(6')] is detectable.

7. (Canceled)

8. (Previously Presented) Device according to Claim 2, characterized in that the pressing pressure of the pressing roller against the tube body is adjustable.

9. (Previously Presented) Device according to Claim 2, characterized in that the feed apparatus comprises a separating device, into which the next of the continuously fed dosing elements is able to be captured in each case, ejected in a way guided onto the guideway, and inserted into the tube body by means of an airstream along the guideway.

10-12. (Canceled)

13. (Previously Presented) Device according to Claim 1, wherein the marking structure comprises a pattern on the surface of the pressing roller configured to create a physical impression on the tube body.

14. (Previously Presented) A device for continuous manufacture of drip irrigation tubes comprising:

- an extruding device for creating an extruded tube body;

- a calibrating device for creating a shaped outer contour of the extruded tube body;

- a cooling device;

- a guideway;

- a dosing element feed apparatus; and

- a device for attaching dosing elements to an extruded tube body, comprising:

 - a pressing element protruding into the extruded tube body; and

 - a pressing roller located adjacent an outside surface of the extruded tube body and configured to be in pressing opposition to the pressing element as a dosing element passes therebetween, the pressing roller comprising:

 - a concave surface corresponding to the shaped outer contour of the extruded tube body; and

 - a marking structure on a portion of the concave surface and extending along an entire circumference of the pressing roller, the marking structure comprising a pattern on the surface of the pressing roller configured to create a physical impression on the surface of the extruded tube body in the region of a respective dosing element.

15. (Previously Presented) The device of Claim 14, wherein the dosing element feed apparatus comprises a separating device configured to capture each dosing element and eject it along the guideway and an airstream configured to insert the dosing element into the tube body.

16. (Previously Presented) The device of Claim 15, further comprising supply lines extending into the guideway, which produce the airstream.

17. (Previously Presented) The device of Claim 16, wherein the supply lines are directed into the guideway such that the airstream hits the dosing elements at an angle of about 25°.

18. (Previously Presented) The device of Claim 14, wherein the pattern of the marking structure is a fine knurl.

19-23. (Canceled)